

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): David J. Hall et al.) Group No. 3662
Serial No.: 09/952,206) Examiner: Not assigned
Filed: September 14, 2001)
For: **SYSTEM AND METHOD FOR DETECTING AN INTRUDER USING IMPULSE RADIO
TECHNOLOGY**

COPY

To the Assistant Commissioner
for Patents
Washington, D.C. 20231

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on April 5, 2002

Signature Will J. Tucker

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Herewith are Form PTO-1449 and one copy of each document listed thereon (except for patent applications). Attention is also directed to any item(s) designated below:

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X 2. The undersigned certifies that each enclosed document was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Information Disclosure Statement. Please note that several U.S. Patents listed in the International Search Report have already been submitted in an Information Disclosure Statement dated September 14, 2001. As such, these U.S. Patents are not disclosed herein.

3. The relevance of any enclosed non-English language document(s) is concisely explained as follows.

Respectfully submitted,

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27512

PATENT TRADEMARK OFFICE

| Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Patent Department of Commerce Patent and Trademark Office | | Docket No.: WJT001-0012 | Serial No.: 09/952,206 | | | |
|--|-----|---|------------------------|------------------------|-------------|----------|
| | | Applicant: David J. Hall et al. | | | | |
| | | Filing Date: September 14, 2001 | Group: 3662 | | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
| | A-1 | 5,521,600 | 5/28/96 | McEwan | 342 | 27 |
| | A-2 | 5,774,091 | 6/30/98 | McEwan | 342 | 387 |
| | A-3 | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| Examiner Initial | | Document No. | Date | Country | Translation | |
| | | | | | Yes | No |
| | B-1 | WO 99/04283 A1 | 1/28/99 | PCT Patent Application | X | |
| | B-2 | WO 94/27168 A1 | 11/24/94 | PCT Patent Application | X | |
| OTHER DOCUMENTS | | | | | | |
| Examiner Initials | | Author, Title, Date, Pertinent Pages, Etc. | | | | |
| | C-1 | PCT International Search Report for International Application No. PCT/US01/28937 dated March 20, 2002. | | | | |
| | C-2 | Taylor J.D. "Ultrawideband Radar" Microwave Symposium Digest, 1991, IEEE MTT-S International Boston, MA, USA 10-14 June 1991, New York, NY, USA, IEEE, US, 10 June 1991, pages 367-370. | | | | |
| | C-3 | Win M. Z. et al. "Impulse Radio: How It Works" IEEE Communications Letters, IEEE Service Center, Piscataway, US, Vol. 2, No.2, February 1998, pages 36-38. | | | | |
| Date Examined: | | Examiner: | | | | |

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To the Assistant Commissioner
for Patents
Washington, D.C. 20231

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on September 14, 2001

Type name: William J. Tucker

Willie Neal

Dear Sir:

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3. The relevance of any enclosed non-English language document(s) is concisely explained as follows.

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|---|--|---------------------------------|
| <p>Form PTO-1449 Modified</p> <p>List of Patents and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>U.S. Patent Department of Commerce Patent and Trademark Office</p> | Docket No.: WJT001-0012 | Serial No.: Not Assigned |
| | Applicant: David J. Hall et al. | |
| | Filing Date: September 14, 2001 | Group: Not Assigned |

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
|-------------------------|------|-------------------------------|----------------|---------------------|--------------|-----------------|
| | A-1 | 4,641,317 | 2/3/87 | Fullerton | 375 | 1 |
| | A-2 | 5,764,696 | 6/9/98 | Barnes et al. | 375 | 239 |
| | A-3 | 4,813,057 | 3/14/89 | Fullerton | 375 | 37 |
| | A-4 | 4,979,186 | 12/18/90 | Fullerton | 375 | 1 |
| | A-5 | 5,363,108 | 11/8/94 | Fullerton | 342 | 27 |
| | A-6 | 5,677,927 | 10/14/97 | Fullerton et al. | 375 | 200 |
| | A-7 | 5,687,169 | 11/11/97 | Fullerton | 370 | 324 |
| | A-8 | 5,832,035 | 11/3/98 | Fullerton | 375 | 210 |
| | A-9 | 6,111,536 | 8/29/00 | Richards et al. | 342 | 125 |
| | A-10 | 6,133,876 | 10/17/00 | Fullerton et al. | 342 | 375 |
| | A-11 | 4,952,939 | 8/28/90 | Seed | 342 | 27 |
| | A-12 | 5,363,108 | 11/8/94 | Fullerton | 342 | 27 |
| | A-13 | U.S. Serial No. 09/537,264 | Filed: 3/29/00 | R.S. Stanley et al. | | |

OTHER DOCUMENTS

| Examiner Initials | | Author, Title, Date, Pertinent Pages, Etc. |
|--------------------------|-----|--|
| | C-1 | P. Withington et al. "Preliminary Results of an Ultra-Wideband (Impulse) Scanning Receiver", IEEE MILCOM'99, dated 11/3/99, 5 pages. |
| | C-2 | L. Larson et al. "A Si/SiGe HBT Timing Generator IC for High-Bandwidth Impulse Radio Applications", Custom Integrated Circuits Conference 1999, San Diego, CA, May 1999, 11 pages. |

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| Date Examined: | Examiner: |
|-----------------------|------------------|

